

Appendix

Technical Notes

1. DATA CAUTIONS

- Limitations of small numbers: In cases where there are small numbers of teen births, especially at the city/town level and by race/ethnicity or age, small changes in the numbers from year to year will produce large changes in percentages, making the differences appear more important than they are in reality. Whether or not the small numbers are suppressed, rates and trends based upon small numbers should be interpreted cautiously.
- Differences with previously published data: Numbers and rates in this publication may differ from those contained in previous reports due to updates of birth and death certificate files, differences in the formulas used in calculating rates, and/or the use of updated population estimates for 1991-1997 produced by the Massachusetts Institute for Social and Economic Research (MISER) in November, 1999. (See Foreword for details)
- Missing data: Unless otherwise stated, percentages are based on the number of births or mothers that have *known* information regarding a demographic or birth characteristic.
- Self-reported data: Many items used in this publication, such as maternal smoking, race/ethnicity, and type of health insurance coverage, are self-reported. Self-reported data are subject to the usual limitations of this type of information.
- Calculation of birth rates: Birth rates (number of births per 1,000 women) are calculated using Census counts of the resident population of Massachusetts 1990 and population estimates for 1991-1998. Because the Census is taken only once every ten years, the annual numbers of residents in each city/town and in the state for non-Census years are estimates, not actual counts. Therefore, the numbers of resident women may be underestimated (resulting in inflated birth rates), or overestimated (resulting in lower birth rates). The teen birth rates for 1991-1997 data presented in this report were calculated using updated population estimates for 1991-1997 (see “New Population Data” in Foreword for further information).
- Calculation of infant mortality rates (IMR) for teenage mothers: Death certificates record only the age of the decedent, not that of the mother. To know which infants who died before their first birthday had a teenage or adult mother, it is necessary to link the infant death certificates to their birth certificates since the mother’s age is recorded on the birth certificate. Each year, the Registry of Vital Records and Statistics creates such a file, called the Linked Birth/Infant Death file. All births in a calendar year are linked to all infant deaths occurring within one year of the date of birth, which may be in the same calendar year as the year of birth or in the following year. For example, if an infant is born on June 30, 1998 and dies on March 1, 1999, that infant would be included in the 1998 linked file because he/she was born in 1998 and died before reaching one year of age. The 1999 infant mortality rate for women under the age of 20 will not be available until the 1999 linked birth/infant death file is complete. Therefore, the 1998 maternal age-specific infant mortality rate is the most recent available and is included in this report.

Since infant mortality rates in this report are calculated using data from the linked birth/infant death file, they are not comparable to the rates published in *Massachusetts: Births*, which uses the standard method to calculate IMRs (number of infant deaths in a year per 1,000 live births delivered in the same year).

- Change in the calculation of expected educational attainment: Prior to 1997, the expected level of educational attainment (see *Glossary* for further explanation) was calculated differently for US-born and foreign-born teenage mothers. In this report, the same age-for-grade cutoffs were used regardless of maternal place of birth.
- Change in gestational age categories: Beginning with the 1997 report, full-term infants were defined as having been born between 37 and 42 completed weeks of gestation. Prior to 1997, full-term infants were defined as having gestational ages between 37 and 41 completed weeks of gestation. Therefore, caution should be used when comparing this year's gestational data with data prior to 1997.
- Change in categorization of prenatal care source of payment: Beginning with the 1997 report, free care was included in public source of payment for prenatal care. Prior to 1997, free care was included in other sources of payment. Beginning with this report, the HMO category will represent a third group of prenatal care source of payment. Therefore, caution should be used in comparing 1998 and 1999 data for private source of payment with previous years' data.
- Community Health Network Areas (CHNAs): The data published in this report reflect the new definitions of CHNAs instituted in January 1997. (See *Glossary* for further definition.)

2. CHANGES IN THE COLLECTION OF RACE AND ETHNICITY INFORMATION:

Assignment of an Infant's Race/Ethnicity: Prior to 1989, the race/ethnicity of an infant was assigned by combining information on the race/ethnicity of the mother and the race/ethnicity of the father. Since 1989, Massachusetts has followed the recommendation of the National Center for Health Statistics of classifying births according to the self-reported race/ethnicity of the mother. Therefore, beginning in 1989, the race/ethnicity of an infant is identical to the self-reported race/ethnicity of the infant's mother.

Addition of Information on Hispanic Ethnicity: Beginning in 1986, an identifier for Hispanic ethnicity was added to the birth certificate; in 1989, an identifier for Hispanic ethnicity was added to the death certificate. Prior to these changes, most Hispanics were included with whites and it was not possible to accurately calculate Hispanic-specific rates of natality and mortality.

3. POPULATION ESTIMATES

The Massachusetts Institute for Social and Economic Research (MISER), is the source of all population estimates used in this report to calculate population based rates (for example, teen birth rates). The most recent year for which MISER population estimates is available is 1998.

Therefore, all 1999 birth rates are calculated using 1998 MISER population estimates (released in September 2000) as denominators. Furthermore, some differences may exist between previously published 1998 birth rates due to the updating of the 1998 rates with 1998 denominators.

Glossary

Adequacy of Prenatal Care: The Index of Adequacy of Prenatal Care (based on the Kessner Index) has five categories (adequate, intermediate, inadequate, no prenatal care, and unknown), based on the trimester in which prenatal care began and the number of prenatal visits. The general classification scheme for full-term infants is as follows:

Category	Trimester Care Began	Number of Visits
Adequate	1	9 or more
Intermediate	1	5-8
	2	5 or more
Inadequate	1	1-4
	2	1-4
	3	1 or more
No prenatal care	--	0
Unknown	unknown	unknown

The classification is adjusted for gestational age to allow for proper classification of premature infants. (*See Foreword.*)

Birth Rate: See Teen Birth Rate.

Birthweight: The weight of an infant recorded at the time of delivery. It may be recorded in either pounds/ounces or grams. If recorded in pounds/ounces, it is converted to grams for use in this report.

1 pound = 453.6 grams

1,000 grams = 2 pounds and 3 ounces

Birthweight Categories:

Normal Birthweight (NBW):	An infant's weight of 2,500 grams (5.5 pounds) or more
Low Birthweight (LBW):	An infant's weight of less than 2,500 grams (5.5 pounds)
Very Low Birthweight (VLBW):	An infant's weight of less than 1,500 grams (3.3 pounds)

Community Health Network Area (CHNA): The Department of Public Health, in collaboration with health service providers, coalition members, and interested citizens, has divided the state into 27 areas for community health planning. Coalitions in each CHNA address the health needs of the community through development of strategies, monitoring of outcomes and the progress of the strategies and responses to those health needs. A CHNA is defined as an aggregation of cities and towns (the City of Boston constitutes its own CHNA). The table at the end of the Appendix provides a list of the 351 cities and towns with the corresponding CHNA number.

Education: Education is self-reported on the birth certificate by the mother and indicates the highest grade or total number of years of schooling she has completed.

Ethnicity: Mother's ethnicity is self-reported on the birth certificate.

Glossary (cont.)

Expected Educational Attainment: The maximum expected age of a student in a particular school grade. Teen mothers were classified as being at least one grade behind if they were two or more years older than the maximum expected age for the reported grade level. For example, if a teen is 16 years old and reports she has completed eighth grade, then she is at least one year behind the expected age for that grade. The following age-for-grade cutoffs were used:

<u>Grade</u>	<u>Maximum Expected Age</u>
6th	12
7th	13
8th	14
9th	15
10th	16
11th	17
12th	18

Gestational Age: The duration of pregnancy measured by number of completed weeks gestation. In this publication, the clinical estimate of gestational age has been used for analysis. Clinical gestational age is determined by the attendant at birth or a physician providing postnatal care to the newborn and is reported on the birth certificate. A normal gestational age is defined as delivery between the completion of the 37th and the 42nd week of pregnancy.

Healthy Start: Healthy Start is a Massachusetts-funded program providing services and financing for prenatal care to low-income (up to 200% of the poverty level in 1997) pregnant women who lack health insurance but do not qualify for Mass Health (Medicaid).

Infant Mortality: See Mortality Categories.

Infant Mortality Rate (IMR): See Mortality Rate Categories

Live Birth: A live birth is defined as any infant who breathes or shows any other evidence of life after delivery (such as beating of the heart, pulsation of the umbilical cord, or definite movement of voluntary muscles), regardless of duration of gestation or birthweight. All figures and tables

in this report, showing Massachusetts data, are based on live births to Massachusetts residents (see Resident Birth).

Low Birthweight (LBW): See Birthweight Categories.

Mortality Categories:

Infant Mortality: The death of a child under 1 year of age (≤ 364 days old).

Neonatal Mortality: The death of an infant less than 28 days old.

Post Neonatal Mortality: The death of an infant between 28 and 364 days after birth.

Mortality Rate Categories:

Infant Mortality Rate (IMR): The death rate among infants less than one year old per 1,000 live births.

Neonatal Mortality Rate (NMR): The death rate among newborns less than 28 days old per 1,000 live births.

Post Neonatal Mortality Rate (PNMR): The death rate among infants 28-364 days old per 1,000 live births.

Mother's Age: Mother's age is computed from her date of birth and the date of delivery.

Multiparous: A multiparous mother is one who has had at least one prior live birth.

Neonatal Mortality: See Mortality Categories.

Neonatal Mortality Rate (NMR): See Mortality Rate Categories.

Normal Birthweight (NBW): See Birthweight Categories.

Parity: The number of live infants ever born to the mother. Parity includes all previous live births as well as the infant named on the birth certificate.

Paternity Acknowledgement: The process by which the paternity of an infant is legally established when the parents are unmarried. As part of the birth registration process, unmarried parents sign an acknowledgement form and their signatures are notarized. The father's information is then added to the child's birth certificate. Paternity can also be acknowledged at a town clerk's office after the mother and child have been discharged from the hospital. Paternity may be established through legal action or through voluntary acknowledgement in the case of unmarried couples; when a couple is married, the husband is legally considered the infant's father. *Paternity acknowledgement data in this report reflect acknowledgments made in hospitals at the time of birth only.*

Postneonatal Mortality: See Mortality Categories.

Post Neonatal Mortality Rate (PNMR): See Mortality Rate Categories.

Prenatal Care Payment Source: Prenatal care payment source is self-reported by the mother. Four groupings are used in this report:

- Private: Blue Cross/Blue Shield and commercial insurance.
- Public: Mass Health (Medicaid), Healthy Start, Medicare, free care, and other government sources.
- HMO: Health maintenance organizations (HMOs) and other managed care entities. The HMO category may include Mass Health (Medicaid) recipients in managed care programs.
- Other: Any other payment source not included in the previous categories.

Race/Hispanic Ethnicity: Mother's race and Hispanic ethnicity are self-reported. All respondents indicating Hispanic ethnicity will be designated Hispanic regardless of their response to questions concerning racial identity.

Resident Birth: The birth of an infant whose mother reports her usual place of residence as Massachusetts. In Massachusetts, a resident is a person with a permanent address in one of the 351 cities or towns. Massachusetts resident births include all births that occur among residents of the Commonwealth whether they occur in Massachusetts or elsewhere.

Teen Birth Rate: The number of children born among females ages 15 to 19 divided by the population of females in that age group, multiplied by 1,000.

$$\text{Teen birth rate} = \frac{\text{Number of births to females ages 15-19 years old}}{\text{Number of females ages 15-19 years old in the population}} \times 1000$$

Very Low Birthweight (VLBW): See Birthweight Categories.

1998 Population Estimates of Females Ages 15 to 19 Years Living in the 25 Massachusetts Communities with the Highest Number of Teen Births in 1999

<u>Community</u>	<u>Estimated Number of Females, Ages 15-19 years</u>
<i>Massachusetts</i>	<i>207,452</i>
Boston	18,567
Brockton	2,776
Cambridge	3,038
Chelsea	837
Chicopee	1,726
Fall River	2,841
Fitchburg	1,623
Framingham	1,939
Haverhill	1,654
Holyoke	1,462
Lawrence	2,665
Leominster	1,151
Lowell	3,735
Lynn	2,563
Methuen	1,280
New Bedford	3,054
Pittsfield	1,450
Plymouth	1,749
Quincy	2,013
Salem	1,230
Somerville	1,662
Southbridge	554
Springfield	5,595
Taunton	1,567
Worcester	6,587

Source: 1998 estimates from MISER, September 2000. 1999 estimates are due June 30, 2001. (See Foreword for further information.)

Massachusetts Cities, Towns, Counties, and Community Health Network Areas (CHNAs)

City/Town	County	CHNA	City/Town	County	CHNA
Abington	Plymouth	22	Dartmouth	Bristol	26
Acton	Middlesex	15	Dedham	Norfolk	18
Acushnet	Bristol	26	Deerfield	Franklin	2
Adams	Berkshire	1	Dennis	Barnstable	27
Agawam	Hampden	4	Dighton	Bristol	24
Alford	Berkshire	1	Douglas	Worcester	6
Amesbury	Essex	12	Dover	Norfolk	18
Amherst	Hampshire	3	Dracut	Middlesex	10
Andover	Essex	11	Dudley	Worcester	5
Arlington	Middlesex	17	Dunstable	Middlesex	10
Ashburnham	Worcester	9	Duxbury	Plymouth	23
Ashby	Middlesex	9	East Bridgewater	Plymouth	22
Ashfield	Franklin	2	East Brookfield	Worcester	5
Ashland	Middlesex	7	East Longmeadow	Hampden	4
Athol	Worcester	2	Eastham	Barnstable	27
Attleboro	Bristol	24	Easthampton	Hampshire	3
Auburn	Worcester	8	Easton	Bristol	22
Avon	Norfolk	22	Edgartown	Dukes	27
Ayer	Middlesex	9	Egremont	Berkshire	1
Barnstable	Barnstable	27	Erving	Franklin	2
Barre	Worcester	9	Essex	Essex	13
Becket	Berkshire	1	Everett	Middlesex	16
Bedford	Middlesex	15	Fairhaven	Bristol	26
Belchertown	Hampshire	3	Fall River	Bristol	25
Bellingham	Norfolk	6	Falmouth	Barnstable	27
Belmont	Middlesex	17	Fitchburg	Worcester	9
Berkley	Bristol	24	Florida	Berkshire	1
Berlin	Worcester	9	Foxborough	Norfolk	7
Bernardston	Franklin	2	Framingham	Middlesex	7
Beverly	Essex	13	Franklin	Norfolk	6
Billerica	Middlesex	10	Freetown	Bristol	26
Blackstone	Worcester	6	Gardner	Worcester	9
Blandford	Hampden	4	Gay Head	Dukes	27
Bolton	Worcester	9	Georgetown	Essex	12
Boston	Suffolk	19	Gill	Franklin	2
Bourne	Barnstable	27	Gloucester	Essex	13
Boxborough	Middlesex	15	Goshen	Hampshire	3
Boxford	Essex	12	Gosnold	Dukes	27
Boylston	Worcester	8	Grafton	Worcester	8
Braintree	Norfolk	20	Granby	Hampshire	3
Brewster	Barnstable	27	Granville	Hampden	4
Bridgewater	Plymouth	22	Great Barrington	Berkshire	1
Brimfield	Hampden	5	Greenfield	Franklin	2
Brockton	Plymouth	22	Groton	Middlesex	9
Brookfield	Worcester	5	Groveland	Essex	12
Brookline	Norfolk	19	Hadley	Hampshire	3
Buckland	Franklin	2	Halifax	Plymouth	23
Burlington	Middlesex	15	Hamilton	Essex	13
Cambridge	Middlesex	17	Hampden	Hampden	4
Canton	Norfolk	20	Hancock	Berkshire	1
Carlisle	Middlesex	15	Hanover	Plymouth	23
Carver	Plymouth	23	Hanson	Plymouth	23
Charlemont	Franklin	2	Hardwick	Worcester	9
Charlton	Worcester	5	Harvard	Worcester	9
Chatham	Barnstable	27	Harwich	Barnstable	27
Chelmsford	Middlesex	10	Hatfield	Hampshire	3
Chelsea	Suffolk	19	Haverhill	Essex	12
Cheshire	Berkshire	1	Hawley	Franklin	2
Chester	Hampden	3.1	Heath	Franklin	2
Chesterfield	Hampshire	3	Hingham	Plymouth	20
Chicopee	Hampden	3.1	Hinsdale	Berkshire	1
Chilmark	Dukes	27	Holbrook	Norfolk	22
Clarksburg	Berkshire	1	Holden	Worcester	8
Clinton	Worcester	9	Holland	Hampden	5
Cohasset	Norfolk	20	Holliston	Middlesex	7
Colrain	Franklin	2	Holyoke	Hampden	3.1
Concord	Middlesex	15	Hopedale	Worcester	6
Conway	Franklin	2	Hopkinton	Middlesex	7
Cummington	Hampshire	3	Hubbardston	Worcester	9
Dalton	Berkshire	1	Hudson	Middlesex	7
Danvers	Essex	14	Hull	Plymouth	20

City/Town	County	CHNA	City/Town	County	CHNA
Huntington	Hampshire	3.1	Northampton	Hampshire	3
Ipswich	Essex	13	Northborough	Worcester	7
Kingston	Plymouth	23	Northbridge	Worcester	6
Lakeville	Plymouth	24	Northfield	Franklin	2
Lancaster	Worcester	9	Norton	Bristol	24
Lanesborough	Berkshire	1	Norwell	Plymouth	20
Lawrence	Essex	11	Norwood	Norfolk	20
Lee	Berkshire	1	Oak Bluffs	Dukes	27
Leicester	Worcester	8	Oakham	Worcester	9
Lenox	Berkshire	1	Orange	Franklin	2
Leominster	Worcester	9	Orleans	Barnstable	27
Leverett	Franklin	2	Otis	Berkshire	1
Lexington	Middlesex	15	Oxford	Worcester	5
Leyden	Franklin	2	Palmer	Hampden	4
Lincoln	Middlesex	15	Paxton	Worcester	8
Littleton	Middlesex	15	Peabody	Essex	14
Longmeadow	Hampden	4	Pelham	Hampshire	3
Lowell	Middlesex	10	Pembroke	Plymouth	23
Ludlow	Hampden	3.1	Pepperell	Middlesex	9
Lunenburg	Worcester	9	Peru	Berkshire	1
Lynn	Essex	14	Petersham	Worcester	2
Lynnfield	Essex	14	Phillipston	Worcester	2
Malden	Middlesex	16	Pittsfield	Berkshire	1
Manchester	Essex	13	Plainfield	Hampshire	3
Mansfield	Bristol	24	Plainville	Norfolk	7
Marblehead	Essex	14	Plymouth	Plymouth	23
Marion	Plymouth	26	Plympton	Plymouth	23
Marlborough	Middlesex	7	Princeton	Worcester	9
Marshfield	Plymouth	23	Provincetown	Barnstable	27
Mashpee	Barnstable	27	Quincy	Norfolk	20
Mattapoissett	Plymouth	26	Randolph	Norfolk	20
Maynard	Middlesex	7	Raynham	Bristol	24
Medfield	Norfolk	7	Reading	Middlesex	14
Medford	Middlesex	16	Rehoboth	Bristol	24
Medway	Norfolk	6	Revere	Suffolk	19
Melrose	Middlesex	16	Richmond	Berkshire	1
Mendon	Worcester	6	Rochester	Plymouth	26
Merrimac	Essex	12	Rockland	Plymouth	23
Methuen	Essex	11	Rockport	Essex	13
Middleborough	Plymouth	24	Rowe	Franklin	2
Middlefield	Hampshire	3	Rowley	Essex	12
Middleton	Essex	11	Royalston	Worcester	2
Milford	Worcester	6	Russell	Hampden	4
Millbury	Worcester	8	Rutland	Worcester	9
Millis	Norfolk	7	Salem	Essex	14
Millville	Worcester	6	Salisbury	Essex	12
Milton	Norfolk	20	Sandisfield	Berkshire	1
Monroe	Franklin	2	Sandwich	Barnstable	27
Monson	Hampden	4	Saugus	Essex	14
Montague	Franklin	2	Savoy	Berkshire	1
Monterey	Berkshire	1	Scituate	Plymouth	20
Montgomery	Hampden	4	Seekonk	Bristol	24
Mt. Washington	Berkshire	1	Sharon	Norfolk	20
Nahant	Essex	14	Sheffield	Berkshire	1
Nantucket	Nantucket	27	Shelburne	Franklin	2
Natick	Middlesex	7	Sherborn	Middlesex	7
Needham	Norfolk	18	Shirley	Middlesex	9
New Ashford	Berkshire	1	Shrewsbury	Worcester	8
New Bedford	Bristol	26	Shutesbury	Franklin	2
New Braintree	Worcester	9	Somerset	Bristol	25
New Marlborough	Berkshire	1	Somerville	Middlesex	17
New Salem	Franklin	2	South Hadley	Hampshire	3
Newbury	Essex	12	Southampton	Hampshire	3
Newburyport	Essex	12	Southborough	Worcester	7
Newton	Middlesex	18	Southbridge	Worcester	5
Norfolk	Norfolk	7	Southwick	Hampden	4
North Adams	Berkshire	1	Spencer	Worcester	5
North Andover	Essex	11	Springfield	Hampden	4
N. Attleborough	Bristol	24	Sterling	Worcester	9
North Brookfield	Worcester	5	Stockbridge	Berkshire	1
North Reading	Middlesex	14	Stoneham	Middlesex	14

City/Town	County	CHNA	
Stoughton	Norfolk	22	
Stow	Middlesex	7	
Sturbridge	Worcester	5	
Sudbury	Middlesex	7	
Sunderland	Franklin	2	
Sutton	Worcester	6	
Swampscott	Essex	14	
Swansea	Bristol	25	
Taunton	Bristol	24	
Templeton	Worcester	9	
Tewksbury	Middlesex	10	
Tisbury	Dukes	27	
Tolland	Hampden	4	
Topsfield	Essex	13	
Townsend	Middlesex	9	
Truro	Barnstable	27	
Tyngsborough	Middlesex	10	
Tyringham	Berkshire	1	
Upton	Worcester	6	
Uxbridge	Worcester	6	
Wakefield	Middlesex	14	
Wales	Hampden	5	
Walpole	Norfolk	7	
Waltham	Middlesex	18	
Ware	Hampshire	3	
Wareham	Plymouth	26	
Warren	Worcester	5	
Warwick	Franklin	2	
Washington	Berkshire	1	
Watertown	Middlesex	17	
Wayland	Middlesex	7	
Webster	Worcester	5	
Wellesley	Norfolk	18	
Wellfleet	Barnstable	27	
Wendell	Franklin	2	
Wenham	Essex	13	
West Boylston	Worcester	8	
West Bridgewater	Plymouth	22	
West Brookfield	Worcester	5	
West Newbury	Essex	12	
West Springfield	Hampden	4	
West Stockbridge	Berkshire	1	
West Tisbury	Dukes	27	
Westborough	Worcester	7	
Westfield	Hampden	3.1	
Westford	Middlesex	10	
Westhampton	Hampshire	3	
Westminster	Worcester	9	
Weston	Middlesex	18	
Westport	Bristol	25	
Westwood	Norfolk	18	
Weymouth	Norfolk	20	
Whately	Franklin	2	
Whitman	Plymouth	22	
Wilbraham	Hampden	4	
Williamsburg	Hampshire	3	
Williamstown	Berkshire	1	
Wilmington	Middlesex	15	
Winchendon	Worcester	9	
Winchester	Middlesex	15	
Windsor	Berkshire	1	
Winthrop	Suffolk	19	
Woburn	Middlesex	15	
Worcester	Worcester	8	
Worthington	Hampshire	3	
Wrentham	Norfolk	7	
Yarmouth	Barnstable	27	

Community Health Network Areas

1. Community Health Network of Berkshire
2. Upper Valley health Web (Franklin County)
3. Partnership for Health in Hampshire County
(Greater Northampton Area)
- 3.1 Four (For) Communities (Greater Holyoke)
4. The Community Health Connection (Greater Springfield)
5. Greater Southbridge Community Health Network
6. Community Partners for Health (Greater Milford Area)
7. CHN of Greater Metro West (Greater Framingham Area)
8. Community Wellness Coalition (Greater Worcester)
9. Fitchburg/Gardner Community Health Network
10. Greater Lowell Community Health Network
11. Greater Lawrence Community Health Network
12. Greater Haverhill Community Health Network
13. Greater Beverly/Gloucester CHN
14. North Shore Community Health Network
15. Greater Woburn/Concord/Littleton CHN
16. North Suburban Health Alliance
(Malden/Medford/Melrose Area)
17. Greater Cambridge/Somerville CHN
18. West Suburban Health Network (Newton/Waltham)
19. Alliance for Community Health
(City of Boston/Chelsea/Revere/Winthrop Area)
20. Blue Hills Community Health Alliance
(Greater Quincy Area)
22. Greater Brockton Community Health Network
23. South Shore Community Partners in Prevention
(Greater Plymouth Area)
24. Health & Education Response
(Greater Attleboro/Taunton Area)
25. Partners for a Healthier Community (Greater Fall River)
26. Greater New Bedford Community Health Network
27. Cape and Islands Community Health Network